

ILLINOIS WEATHER & CROPS



ILLINOIS
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ILLINOIS DEPARTMENT OF AGRICULTURE



ILLINOIS STATE
WATER SURVEY

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RELEASED: AUGUST 18, 1986, 3 P.M., CDT

VOL.7, NO.23

CROPS

Crop conditions continue to be mostly good to excellent across the State, as crop maturity is rapidly progressing. Temperature's have been mild and the crop continues to receive adequate moisture. There was an average of 5.50 days rated as suitable for fieldwork with all areas active. Major field activities included: harvesting hay, tending livestock and repairing machinery.

On August 17, 90% of the CORN acreage was in the dough stage, compared to 84% last year and the 5-year average (1981-85) of 77%. Fifty-five percent of the acreage was in the dent stage, compared to 39% last year and the average of 31%. Eight percent of the acreage was mature, compared to 2% last year and the average of 1%. Condition of the crop on August 15 was reported as 60% excellent, 38% good and 2% fair.

SOYBEANS, on August 17, had 95% of the acreage setting pods, compared to 90% last year and the average of 81%. Five percent of the acreage was turning yellow, compared to 2% last year and the average of 1%. Condition of soybeans on August 15 was reported as 35% excellent, 58% good and 7% fair.

SORGHUM, as of August 17, had 90% of the acreage headed and thirty percent of the acreage was turning color. No historic comparisons are available. Condition of the crop on August 15 was reported as 20% excellent, 75% good and 5% fair.

ALFALFA condition, on August 15, was reported as 19% excellent, 67% good and 14% fair. Sixty percent of the third crop has been cut, compared to 52% last year and the average of 47%.

PASTURE condition on August 15, was rated as 13% excellent, 64% good, 20% fair and 3% poor.

SOIL MOISTURE on August 15, was reported as 14% short and 86% adequate.

WEATHER

TEMPERATURES continued to be several degrees below normal over all of the State for the second week with the greatest departures from normal scattered over many sections of Illinois, indicating that cloudiness was controlling the temperature. Kaskaskia in the Southwest was the closest to normal with a negative departure of only 2 degrees. Ottawa had the greatest departure, 7 degrees, with many stations reporting negative departures of 6 degrees. These were in the Northeast, North Central, West, Southwest and Southeast. Areas of departure closer to normal but still negative were centered at Freeport, Urbana, Kaskaskia, and Harrisburg.

PRECIPITATION was generally light during the period. The Central portion of the State had less than 0.5 inch with the exception of Urbana which had 0.71 inch. More significant rains were experienced in the far North and the South. Morrison had 0.95 inch whereas Fairfield, McLeansboro, and Carbondale had over an inch of precipitation. McLeansboro had 1.36 inches for the largest amount reported in Illinois during the 7 day period.

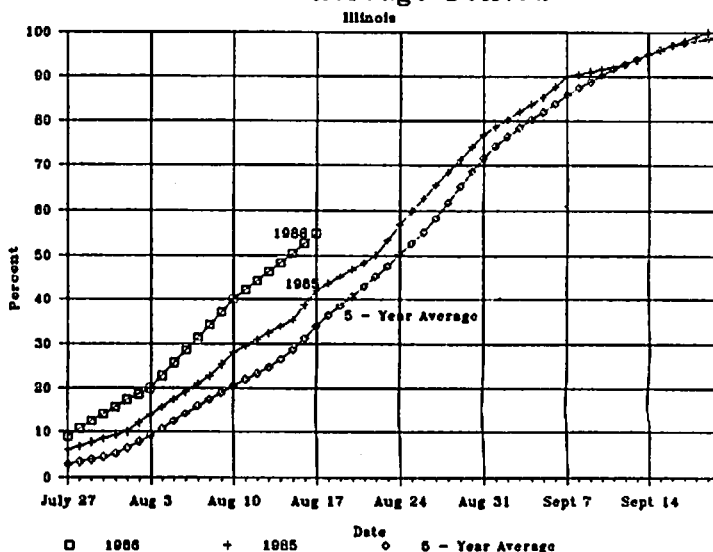
The OUTLOOK is for somewhat cooler and less humid weather for the beginning of the new week but more humid and unstable conditions could bring a return of scattered thundershowers Thursday and Friday. High temperatures will move through the 80's this week with lows mostly in the 60's.

The 6 to 10 day OUTLOOK for August 23 through 27 indicates much above normal temperatures and near normal precipitation. Thus moisture consumption will continue to outstrip soil moisture gains.

The 30 day OUTLOOK from August 15th through September 15th is for temperatures and precipitation to be near normal.

The 90-day OUTLOOK from August through October is for above normal temperatures. Above normal precipitation is expected in the South.

Corn - Acreage Dented



ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of August 17											
Corn: % dented:	40	30	65	60	60	60	70	70	60	55	31
Days suitable for fieldwork:	5.0	5.5	5.5	6.0	6.5	5.5	6.0	5.0	5.0	5.50	
Soil moisture %:											
Short	0	25	0	25	45	0	10	10	0	14	
Adequate	100	75	100	75	55	100	90	90	100	86	
Surplus	0	0	0	0	0	0	0	0	0	-	

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.

Additional WEATHER INFORMATION is provided by Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

NEWSPAPER TIME VALUE

Illinois Weather & Crops
August 18, 1986

Illinois Weather & Crops (ISSN 0273-8635) is published weekly April-November, semi-weekly the second week of June, monthly December-March, by the Illinois Dept. of Agriculture, Illinois Agricultural Statistics Service, Room 54, Department of Agriculture Bldg., 801 Sangamon Ave., Springfield, IL 62702. For information on subscribing, send request to the above address. Second-class postage paid at Springfield, Illinois.
Postmaster: Send Address Change to Illinois Weather & Crops, P.O. Box 19283, Springfield, IL 62794-9283

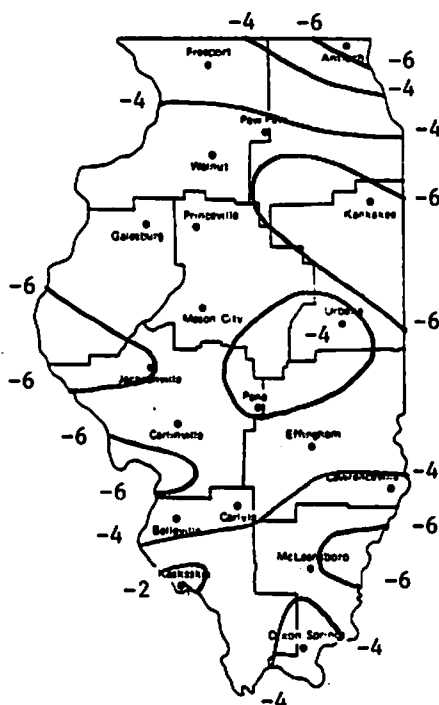
PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
July	4.91	4.63	5.61	6.20	4.22	5.66	7.39	4.09	6.50
Departure	1.06	1.11	1.82	2.60	0.38	2.24	3.58	0.54	2.78

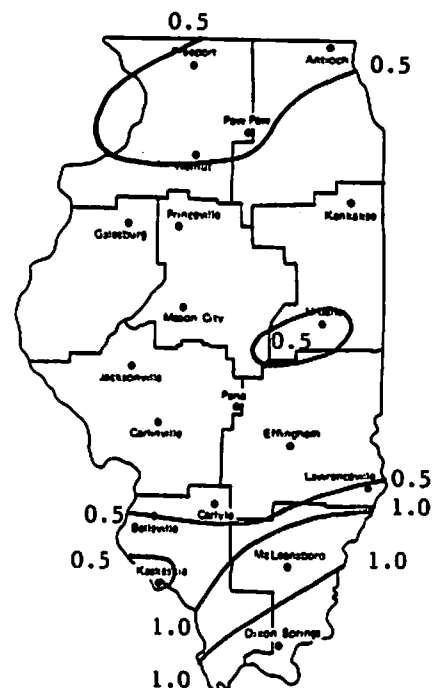
Week ending Sunday, August 17, 1986

Location	Temperatures			Precipitation			Growing Degree Days (50 deg)		
	Maxi-	Mini-	Deapar-	Curr.	Since	Departure	Curr.	Since	Departure
	mum	mum	ture	week	May 1	since May 1	week	May 1	since May 1
Elizabeth	77	57	-3	0.53	15.36	0.65	122	1849	-123
Rockford	77	61	-1	0.55	13.07	-2.06	136	2077	87
Chicago	80	61	-1	0.11	11.32	-1.69	145	2003	22
Chi Botanical	79	61	-3	0.13	25.34	NA	139	1787	-374
Elwood	80	58	-2	0.05	11.45	-2.89	138	2075	54
Watseka	82	56	-2	0.00	22.75	7.37	136	2109	-34
Peru	80	61	-2	0.00	19.38	5.44	143	2147	-77
Moline	78	62	-2	0.93	21.24	5.53	144	2281	95
Peoria	80	62	-1	0.00	17.86	4.12	148	2334	129
Kilbourn	82	60	-3	0.05	16.92	2.41	145	2415	96
Monmouth	78	59	-4	0.71	16.06	1.81	132	2161	-65
Quincy	80	62	-3	0.06	20.55	5.53	148	2413	75
Perry	80	59	-4	0.19	10.53	-3.55	141	2357	-20
Springfield	81	61	-2	0.14	16.86	4.31	148	2499	130
Decatur	80	61	-3	0.17	16.60	1.61	144	2458	97
Urbana	81	60	-2	0.05	15.15	1.01	144	2313	58
Windsor	81	59	-4	0.16	13.75	-0.81	140	2389	21
Terre Haute	83	59	-2	0.04	12.50	-1.87	146	2343	66
St Louis	83	66	NA	0.38	11.34	NA	172	2738	NA
Belleville	84	62	-2	0.02	10.73	-2.39	162	2539	122
Brownstown	82	63	-1	0.30	14.06	-0.63	158	2567	223
Iuka	82	59	-4	0.36	12.64	-0.68	146	2440	59
Lawrenceville	83	63	NA	0.78	22.07	NA	159	2502	NA
Vincennes	84	63	-1	0.50	19.06	3.98	162	2459	100
Dixon Springs	84	63	-3	0.04	20.67	6.53	162	2587	63
Paducah	85	64	-3	0.52	20.95	6.25	168	2711	136
Olive Branch	83	61	-4	0.00	14.93	-0.14	154	2593	108
Carbondale	85	59	-4	0.87	16.98	2.46	151	2562	122
C Girardeau	86	65	NA	2.22	20.01	NA	174	2770	NA

NOTE: Because of computer problems at the Illinois State Water Survey, the data in this table is provided by the Midwest Agricultural Weather Service Center.



7-DAY TEMPERATURE DIFFERENCE
FROM NORMAL ENDING
17 AUGUST 1986 (°F)



7-DAY PRECIPITATION
ENDING 17 AUGUST 1986
(INCHES)